

A List of Lichens

Additional to those published March 7, 1894.

A Partial List of Fungi

Collected in Lancaster County in the years
from 1888 to 1892.

Several Plants New to the County,

AND

Rare Plants Found in New Localities.

BY AMELIA F. EBY.

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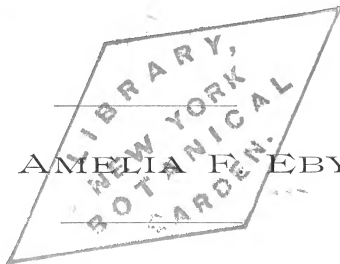
and

Rare Plants Found in New Localities.

BY AMELIA F. EBY.

LANCASTER, OCTOBER 22, 1894.

The plants enumerated in this list, with the exception of the Fungi and a few others, were collected in 1894; those not collected at that time will have the year added.



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LIST OF LICHENS.

Tribe I.—PARMELIACEI.

Family 1.—USNEEI.

2. RAMALINA, Ach., D. Not.

Ramalina calicaris (L.), Fr., var. *fraxinea*, Fr. On rails, Beartown, July 11.

R. calicaris (L.), Fr., var. *C. canaliculata*, Fr. On fences, Reinhold's, March 14.

3. CETRARIA (Ach.), Fr. Müll.

Cetraria Islandica (L.), Ach., var. *b. Delisæi* (Bor.). On ground, Reinhold's, March 14.

C. juniperina (L.), Ach., var. *C. Pinastri*, Ach. On pine trees, Dombach's Pine Woods, May 22.

5. USNEA (Dill), Ach.

Usnea barbata (L.), Fr. On rocks, Fite's Eddy, May, 1886. On trees, Reinhold's, March 14.

U. barbata, var. *ceratina*, Schaer. On trees, Beartown, May 28.

U. barbata, Fr., var. *rubiginea*, Michx. On trees, Fite's Eddy, June 1. On rocks, Reinhold's, September 3.

U. angulata, Ach. On trees, Hopewell Forge, July 6.

Family 2.—PARMELIEI.

9. THELOSCHISTES, Norm, Emend.

Theloschistes chrysophthalmus (L.), Norm. On locust trees, near Mountville, March 6.

T. concolor, Dicks. On apple trees, Crow Hill, March 9.

T. lychnus, Nyl. On trees, Crow Hill, March 9.

10. **PARMELIA** (Ach.), De Not.

- Parmelia cetrata* (Ach.). On oak trees, Reinhold's, March 14.
P. Borreri, Turn., var. *b. reducta*, Tuck. On fences, Reinhold's, March 14.
P. olivacea (L.), Ach. On cherry trees, Beartown, May 28.
P. centrifuga (L.), Ach. On red cedar trees, Beartown, July 11.
P. olivacea (L.), Ach., var. *sorediata* (Ach.), Nyl. On trees, Chestnut Hill, March 8.
P. ambigua (Wulf), Ach. On dead logs, Reinhold's, September 3.
P. tiliacea (Hoffm.), Floerk. On trees, Beartown, July 11.

11. **PHYSCIA** (D.C. Fr.), Th., Fr.

- Physcia speciosa* (Wulf), Ach., Nyl. On trees in a ravine near Mountville, July 3.
P. aquila (Ach.), Nyl., var. *dentosa*, Tuck. On trees, Reinhold's, March 14. On rocks, Conestoga Creek, January 24.
P. comosa (Eschw.), Nyl. On a chestnut log, Martic Forge, May 1. On a chestnut log, Conewago, May 7. On a chestnut tree, Speedwell Forge, July 6.
P. astroidea (Fr.), Nyl. On trees, Beartown, July 11.
P. tribacia, Ach. On rocks, Reinhold's, March 14.
P. setosa (Ach.), Nyl. On moss, Beartown, May 28.
P. caesia (Hoffm.), Nyl. On stones, near Mountville, March 1.

12. **PYXINE**, Fr. Tuckerm.

- Pyxine sorediata*, Fr. On trees, Chestnut Hill, March 8. Reinhold's, March 14. Fite's Eddy, June 1.

Family 3.—**UMBILICARIEI**.13. **UMBILICARIA** Hoffm.

- Umbilicaria pustulata* (L.), Hoffm. On rocks, Fite's Eddy, June 1. On rocks, Hopewell Forge, July 6. Beartown, July 11.
U. vellea (L.), Nyl. On rocks, in a ravine near Fite's Eddy, June 1.

Family 4.—**PELTIGEREI**.14. **STICTA** (Schreb.), Fr.

- Sticta pulmonaria* (L.), Ach., var. *b. hypomela*, Del. On trees,

Reinhold's, March 14. On trees, Martie Forge, May 1. On trees, Fite's Eddy, June 1.

S. pulmonaria, L., Ach., var. *c. linita*, Nyl. On rocks, Beartown, May 28.

S. Quercizans (Michx.), Ach. On rocks, Reinhold's, June, 1888.

15. NEPHOROMA, Ach.

Nephoroma lævigatum, Ach. On mossy rocks, Beartown, May 28.

16. PELTIGERA (Willd., Hoffm.), Fée.

Peltigera canina (L.), Hoffm., var. *b. spongiosa* (Tuckerm.).
On earth, Hopewell Forge, July 6.

P. canina, var. *sorediata*, Schær. Reinhold's, March 14.

P. venosa (L.), Hoffm. On the earth, Beartown, May 28.

P. scutata, Dicks. On rocks along the Pequea Creek, June 20.

18. SOLORINA, Ach.

Solorina saccata, L., Ach. On calcareous soil in ravine near Mountville, March 1.

Family 5.—PANNARIEI.

22. PANNARIA, Delis.

Pannaria nigra (Huds.), Nyl. On sandstone rocks, Reinhold's, September 3.

Family 6.—COLLEMEI.

28. LEPTOGIUM, Fr., Nyl.

Leptogium lacerum (Sw.), Fr. On rocks among moss, Chestnut Hill, March 8.

29. HYDROTHYRIA, Russ.

Hydrothyria venosa, Russell. On wet rocks in a ravine near Fite's Eddy, June 1.

Family 7.—LECANOREI.

Sub-Family 1.—EULECANOREI.

30.—PLACODIUM (D.C.), Naeg. & Hepp.

Placodium cerinum (Hedw.) Naeg. & Hepp. On dead wood, Reinhold's, September 3.

P. cinnabarrinum (Ach.), Anz. On rocks, Beartown, May 28.

31. **LECANORA**, Ach., Tuckerm.

Lecanora atra (Huds.), Ach. On trunks of trees, Chestnut Hill, March 8.

L. punicea, Ach. On holly trees, near Fite's Eddy, June 1.

Sub-Family 2.—**PERTUSARIEI**.

33. **PERTUSARIA**, D.C.

Pertusaria multipuncta (Turn.), Nyl. On trees, near Mountville, July 13.

P. communis, D.C. On trunks of trees, Beartown, July 11.

P. globularis, Ach. On mossy rocks, Reinhold's, September 3.

Sub-Family 3.—**URCEOLARIEI**.

35. **GYALECTA** (Arch.), Anzi.

Gyalecta Pineti (Schräd.), Tuck. On pine trees, Reinhold's, September 3.

Tribe 2.—**LECIDEACEI**.

Family 1.—**CLADONIEI**.

41. **CLADONIA**, Hoffm.

Cladonia fimbriata (L.), Fr., var. *c. radiata*, Fr. On ground, Speedwell Forge, July 6.

C. gracilis (L.), Nyl., var. *c. elongata*, Fr. On the earth, Beartown, July 11.

C. deformis (L.), Hoffm. On earth, near York Furnace, July 20.

C. cristatella, Tuck., var. *c. ramosa*. On earth, Chestnut Hill, March 8.

Family 3.—**LECIDEACEI**.

Sub-Family 1.—**BÆOMYCEI**.

47. **BÆOMYCES**, Pers., D.C.

Bæomyces Byssoides (L.), Schær., D.C. On a high damp bank, Chestnut Hill, March 8.

B. roseus, Pers., var. *fungoides*. On earth, Reinhold's, September 3.

Sub-Family 2.—BIATORÆI.

48. BIATORA, Fr.

Biatora rubella (Ehr.) Rabenth. On bark, Reinhold's, March 14.

Sub-Family 3.—EULECIDÆI.

50. LECIDEA (Ach.), Fr.

Lecidea contigua, Fr. On rocks, Beartown, May 28.

51. BUELLIA De Not, Tuckerm.

Buellia stigmæa, Tuck. On rocks, Chestnut Hill, September 27.

PARTIAL LIST OF FUNGI.

(Collected in Lancaster County in the years 1888 to 1892.) -

Family 1.—HYMENOMYCETES.

Order 1.—AGARICINI.

1. AGARICUS, L.

Series 1.—LEUCOSPORI.

Subgenus 1.—AMANITA.

Agaricus (*Amanita*) *vernus*, Bull. In woods, Mountville, early.

A. (*Amanita*) *Phalloides*, Fr. In woods, Chestnut Hill, variously colored.

A. (*Amanita*) *muscaria*, L. In woods, Chestnut Hill.

A. (*Amanita*) *cæsarea*, Scop. In woods, Crow Hill.

A. (*Amanita*) *Mappa*, Batsch. Under trees, Mountville.

A. (*Amanita*) *excelsus*, Fr. In woods, Beartown.

Subgenus 2.—LEPIOTA.

Agaricus (*Lepiota*) *rachodes*, Vitt. In pastures, Crow Hill.

A. (*Lepiota*) *procerus*, Scop. In pastures, Mountville.

Subgenus 3.—ARMILLARIA.

Agaricus (*Armillaria*) *melleus*, Vahl. On dead stumps, Chestnut Hill.

Subgenus 4.—TRICHOLOMA.

Agaricus (*Tricholoma*) *personatus*, Fr. In pastures, Mountville.

A. (*Tricholoma*) *albus*, Fr. In woods, Chestnut Hill.

A. (*Tricholoma*) *luridus*, Schæff. In woods, Glen Manor

Subgenus 5.—CLITOCYBE.

Agaricus (*Clitocybe*) *laccatus*, Scop. In woods, Mountville.

Subgenus 6.—COLLYBIA.

Agaricus (*Collybia*) *stipitarius*, Fr. On trunks of trees, Crow Hill.

Subgenus 7.—MYCENA.

Agaricus (*Mycena*) *purus*, P. Among leaves, Crow Hill.

Subgenus 8.—OMPHALIA.

Agaricus (*Omphalia*) *pyxidatus*, Bull. On grass, Mountville.

Subgenus 9.—PLEUROTUS.

Agaricus (*Pleurotus*) *dryinus*, P. On willow trees, near Mountville.

A. (*Pleurotus*) *ostreatus*, Jacq. On dead trunks of trees, Crow Hill.

A. (*Pleurotus*) *mitis*, P. On dead limbs of June cherry, Mountville.

Series 3 *Dermini*

Subgenus 19.—NAUCORIA.

Agaricus (*Naucoria*) *semiorbicularis*, Bull. In pastures, Glen Manor.

A. (*Naucoria*) *pediades*, Fr. In pastures, Crow Hill.

Subgenus 21.—CREPIDOTUS.

Agaricus (*Crepidotus*) *mollis*, Schæff. On stumps, Crow Hill.

A. (*Crepidotus*) *Rubi*, B. On dead sticks, Reinhold's.

A. (*Crepidotus*) *variabilis*, P. On branches of trees, Seitz's Woods, Manor township.

Series 4.—PRATELLÆ.

Subgenus 22.—PSALLIOTA.

Agaricus (*Pratella*) *campestris*, L. In fields, Chestnut Hill.

A. (*Psalliota*) *arvensis*, Schæff. Horse mushroom, in fields, Mountville.

A. (*Psalliota*) *semiglobatus*, Batsch. In barnyards, Mountville.

Series 5.—C O P R I N A R I U S .

2. COPRINUS, Fr.

C. comatus, Fr. Fields near Lancaster.

4. CORTINARIUS.

Cortinarius cærulescens, Fr. Around a stump in woods, Mountville.
C. purpurascens, Fr. In woods, Crow Hill.

8. LACTARIUS, Fr.

Lactarius deliciosus, Fr. In woods, Reinhold's.
L. insulsus, Fr. Borders of woods, near Columbia.
L. piperatus, Fr. In woods, Chestnut Hill.

9. RUSSULA, Fr.

Russula virescens, Fr. In woods, Glen Manor.
R. lepida, Fr. In woods, Chestnut Hill.
R. heterophylla, Fr. In woods, Mountville.
R. alutacea. In woods near Mountville.

10. CANTHARELLUS, Fr.

Cantharellus cibarius, Fr. Around a stump, Seitz's Woods, Manor township.

12. MARASMIUS, Fr.

Marasmius urens, Fr. In pastures, Reinhold's.
M. oreades, Fr. Fairy Ring mushroom. In pastures, Mountville.

17. LENZITES, Fr.

Lenzites betulina, Fr. On a stump in Longenecker's Lawn, near Lancaster. On a dead limb of tree in Myers' Woods, near Mountville.

Order 2.—P O L Y P O R E I .

18. BOLETUS, Fr.

Boletus bovinus, L. In woods, Reinhold's.
B. edulis, Bull. In woods, Mountville.
B. scaber, Fr. In woods, Mountville.

- B. subtomentosus*, L. In woods, Beartown.
B. chrysenteron, L. In meadow woods, Reinhold's.
B. felleus, Bull. In woods, Beartown.
B. Satanus, Lenz. In woods, Reinhold's.
B. luridus, Fr. In woods, Mountville.

Order 5.—CLAVARIEI.

41. CLAVARIA.

- C. rugosa*, Bull. In woods, Mountville.
C. cinerea, Bull. In woods, Chestnut Hill.

Family 2.—GASTEROMYCETES.

Order 9.—TRICHOGASTRES.

66. LYCOPERDON.

- Lycoperdon giganteum*, Batsch. Giant Puff Ball. On clearing near Mountville.
L. saccatum, Vahl. Little Puff Ball. On a common, Chestnut Hill.
L. gemmatum, Fr. Pear-shaped Puff Ball. Borders of thickets, Chestnut Hill.

Family 4.—HYPHOMYCETES.

Order 17.—ISARIACEI, Hill.

175. ANTHINA, Fr.

- Anthina flammea*, Fr. On leaves near Fite's Eddy.

PHENOGRAMMOUS PLANTS.

(New to Lancaster County.)

FUMARIACEÆ.

- Adlumia fungosa* (Ait.), *cirrhus* of Raf. Along Pequea Creek, between Martic Forge and Colemanville, June 20.

LEGUMINOSÆ.

- Trifolium incarnatum*. Lawn near Lancaster, May 29. Field between Lancaster and Strasburg, May 25.

T. stoloniferum, Muhl. Between Mountville and Glen Manor, May, 1890.

ROSACEÆ.

Rosa nitida, Willd. In blossom, Hopewell Forge, July 6. In fruit, Reinhold's, September 3.

COMPOSITÆ.

SOLIDAGO, L.

Solidago sempervirens, L. Island near Peach Bottom, August 22.

SCROPHULARIACEÆ.

Veronica Chamædrys, L. Below Mountville, May, 1887.

LABIATÆ.

Monarda didyma. Meadow near Hopewell, July 6.

M. fistulosa, L., var. *media*, Gray. Near Mountville, July, 1886.

SOLANACEÆ.

Physalis angulata, L. Roadsides near Elizabeth Furnace, July 6.

LICHENS IN DIFFERENT LOCALITIES.

Tribe 1.—PARMELIACEI.

Family 1.—USNEEI.

3. CETRARIA, Ach., Fr., Müll.

Cetraria Islandica (L.), Ach. On earth, Reinhold's, September 3.

C. lacunosa, Ach. On trees, Beartown, May 28. On rails, Reinhold's, March 14.

C. ciliaris, Ach. On rails, Reinhold's, March 14. On twigs of trees, Fite's Eddy, June 1. On stumps, Beartown, July 11.

Family 2.—PARMELIEI.

10. PARMELIA (Ach.), De Not.

Parmelia perlata (L.), Ach. On trunks of trees, Beartown, May 28. On rocks, Reinhold's, March 14.

P. caperata, L., Ach. On rocks, Smithville, May 14. On rocks, Beartown, July 11. On rocks, Chestnut Hill, March 8.

P. perforata (Jacq.), Ach., L., *P. conspersa* (Ehr.), Ach. Common.

UMBILICARIEI.

13. UMBILICARIA, Hoffm.

Umbilicaria Dillenii, Tuck. On rocks, Fite's Eddy, June 1. Hope-well Forge, July 6. Beartown, July 11.

U. pustulata, L., Hoffm., *b. papulosa*, Tuck. Same range, place and time as *U. Dillenii*.

U. Pennsylvanica, Hoffm. On rocks, Chestnut Hill, September 27.

Family 4.—P E L T I G E R E I .

16. PELTIGERA (Willd. Hoffm.), Fée.

Peltigera horizontalis (L.), Hoffm. On wet stones, Beartown, June, 1892. On moist stones, Reinhold's, March 14. On wet rocks, Conestoga Creek, May 5.

Family 6.—C O L L E M E I .

Sub-Family 2.—C O L L E M E I (proper).

18. COLLEMA, Hoffm., Fr.

Collema nigrescens (Huds.), Ach. On trunks of trees, Beartown, July 11.

FELICES.

(In New Localities.)

ASPIDIUM.

Aspidium cristatum, Swartz. Beartown, July 11.

ASPLENIUM.

Asplenium Rutamuraria, L. On rocks, Chestnut Hill, September 27.

LYCOPODIACEÆ.

LYCOPODIUM, L.

Lycopodium obscurum, L. Beartown, July 11.

RARE PHENOGRAMOUS PLANTS IN NEW LOCALITIES.

MAGNOLIACEÆ.

MAGNOLIA, L.

Magnolia glauca, L. Beartown, May 28.

POLYGALACEÆ.

Polygala sanguinea, L. Reinhold's, September 3.

PASSIFLORACEÆ.

Passiflora lutea, L. Near Fite's Eddy, August 21.

COMPOSITÆ.

SOLIDAGO, L.

Solidago virgaurea, Linn., var. *humilis*, Pursh. Reinhold's, September 3. Chestnut Hill, September 27.

S. odora, Ait. Island near Fite's Eddy, August 21. Chestnut Hill, August, 1886.

POLEMONIACEÆ.

POLEMONIUM.

Polemonium reptans, L. Meadow woods, near Mountville, May, 1886.

ORCHIDACEÆ.

SPIRANTHES, Richard.

Spiranthes latifolia, Torr. Chestnut Hill, September 3, 1886.

S. gracilis, Bigelow. Reinhold's, September 8.

GRAMINEÆ.

CALAMAGROSTIS, Adams.

Calamagrostis Canadensis, Beauv. Glen Manor, July, 1887.

C. Nuttalliana, Steud. Beartown, August 1, 1891.

